



March 8, 2021

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive
Columbia, South Carolina 29210

RE: South Carolina Electric & Gas Company
Request for "Like Facility" Determinations Pursuant to S.C. Code Ann. § 58-33-110(1)
(This filing does not involve any change to the retail electric or natural gas base rates of Dominion Energy South Carolina, Inc.)

Dear Ms. Boyd:

I am writing to advise the Public Service Commission of South Carolina ("Commission") of Dominion Energy South Carolina, Inc.'s ("DESC" or "Company") intention to replace portions of its existing Jasper – Yemassee 230 kilovolt ("kV") #1 Line ("Jasper – Yemassee 230 kV #1") with "like facilities."

I. Existing Facilities.

The existing Jasper – Yemassee 230 kV #1 extends from the Company's Jasper 230 kV Substation near Hardeeville, South Carolina, to the Yemassee Transmission Substation, near Yemassee, South Carolina, a total distance of approximately 38 miles. A depiction of the existing Jasper – Yemassee 230 kV #1 is set forth in Exhibit A.

DESC, then South Carolina Electric & Gas Company, completed construction of the Jasper – Yemassee 230 kV #1 in 2003 after receiving a Certificate of Environmental Compatibility and Public Convenience and Necessity from the Commission, see Commission Order No. 2002-774 (Nov. 4, 2002). For the reasons set forth below, it is necessary to fold the Jasper – Yemassee 230 kV #1 into the Company's planned Lakeside 230/115 kV Substation ("Lakeside Substation"), which will sit adjacent to and between the Company's existing Okatie 115 kV Switching Station and Okatie Substation along a new 275-foot wide right-of-way segment, approximately 700 feet in length. Attached to this letter is a map identified as Exhibit B, which depicts the location of the fold-in and the Lakeside Substation.

II. Necessity for folding the Jasper – Yemassee 230 kV #1 into the Lakeside Substation.

Due to load growth in Bluffton and surrounding areas, DESC has determined that the existing facilities in the area will not provide an acceptable level of voltage support in the area as

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early as December 1, 2022. Specifically, DESC's Transmission Planning models indicate that voltage could drop below acceptable levels by the winter 2022/2023 upon the occurrence of a certain planning contingency, i.e., loss of Hardeeville 115 kV capacitor bank and the Okatie – McIntosh 115 kV Tie Line.

To provide the necessary voltage support and ensure that DESC remains in compliance with applicable North American Electric Reliability Corporation ("NERC") standards, the Company considered two alternatives:

- A. Fold the Jasper – Yemassee 230kV #1 into the Lakeside Substation, which will be constructed on approximately 3.5 acres of a larger approximately 20.5-acre Company-owned tract and which will be situated adjacent to and between the existing Okatie Switching Station and Okatie Substation. The estimated cost of this option is approximately \$8.5 million.
- B. Add a second 115 kV line between Okatie and Yemassee by rebuilding the Okatie – Yemassee 115 kV 31.21-mile line as single pole, double circuit structures. The estimated cost of this option is approximately \$59.25 million.

Alternative A, for which a like facility determination is requested in this docket, is both the most robust from a reliability perspective and the most cost-effective from an economic perspective. The construction of the Lakeside Substation and the fold-in of the Jasper – Yemassee 230 kV #1 into that substation provides a strong 230 kV source close to the load center and will not result in any significant increase in environmental impact of the facility or substantially change the location of the facility. As such, Alternative A was chosen as the preferred solution to ensure that DESC continues to comply with applicable NERC reliability standards.

To accomplish the fold-in, DESC plans to segment the Jasper – Yemassee 230 kV #1 and install steel structures within the existing right-of-way at the point of segmentation. Two sets of parallel steel monopole structures will carry the line approximately 700 feet in a north-westerly direction along new 275-foot right-of way before turning south-westerly into the Lakeside Substation. DESC has already acquired the necessary rights-of-way from the affected property owners.

The Company expects that construction of the proposed facilities would be completed by April 1, 2023. Until construction of the proposed facilities is complete, the Company is working on a temporary solution to address any voltage concerns in the winter 2022/2023 and ensure that it remains in compliance with applicable NERC standards.

Once the construction of the Lakeside Substation and the fold-in of the existing Jasper – Yemassee 230 kV #1 is complete, the new line segments will be renamed the Jasper – Lakeside 230 kV and Lakeside – Yemassee 230 kV Line.¹

¹ The existing Jasper – Yemassee 230 kV #2 Line for which the Company also received a Certificate by Order No. 2002-774 will be renamed the Jasper – Yemassee 230 kV Line upon completion of the fold in of the Jasper – Yemassee 230 kV #1.

III. Request for Relief.

The new line segments created by the fold-in, i.e., the Jasper – Lakeside 230 kV Line and the Lakeside – Yemassee 230 kV Line, are “like facilities” for the existing Jasper – Yemassee 230 kV #1. See Commission Order No. 2018-33 (making “like facility” determination where the Company folded the Wateree – Columbia Industrial Park 230 kV Line into its Hopkins Substation and added an additional autobank to the Hopkins Substation); Commission Order No. 2014-633 (making “like facility” determination where a portion of the replacement lines was run along relocated (new) right-of-way and lines were re-terminated at a new substation approximately 400 feet from the boundary of the existing right-of-way corridor). Therefore, DESC believes that the fold-in does not require certification pursuant to the Utility Facility Siting Act and Environmental Protection Act. Consequently, the Company respectfully requests that the Commission make a determination, as authorized by S.C. Code Ann. § 58-33-110(1) (2015), that the fold-in constitutes “the replacement of an existing facility with a like facility” and therefore does not constitute “construction of a major utility facility” for which certification would be required under the Utility Facility Siting Act and Environmental Protection Act.

By copy of this letter, we are advising counsel for the South Carolina Office of Regulatory Staff of DESC’s request.

If you have any questions, please do not hesitate to contact us at your convenience.

Very truly yours,



Matthew W. Gissendanner

MWG/kms
Enclosures

cc: Jeffrey M. Nelson, Esquire
Dawn Hipp
(both via electronic mail and U.S. First Class Mail w/enclosures)

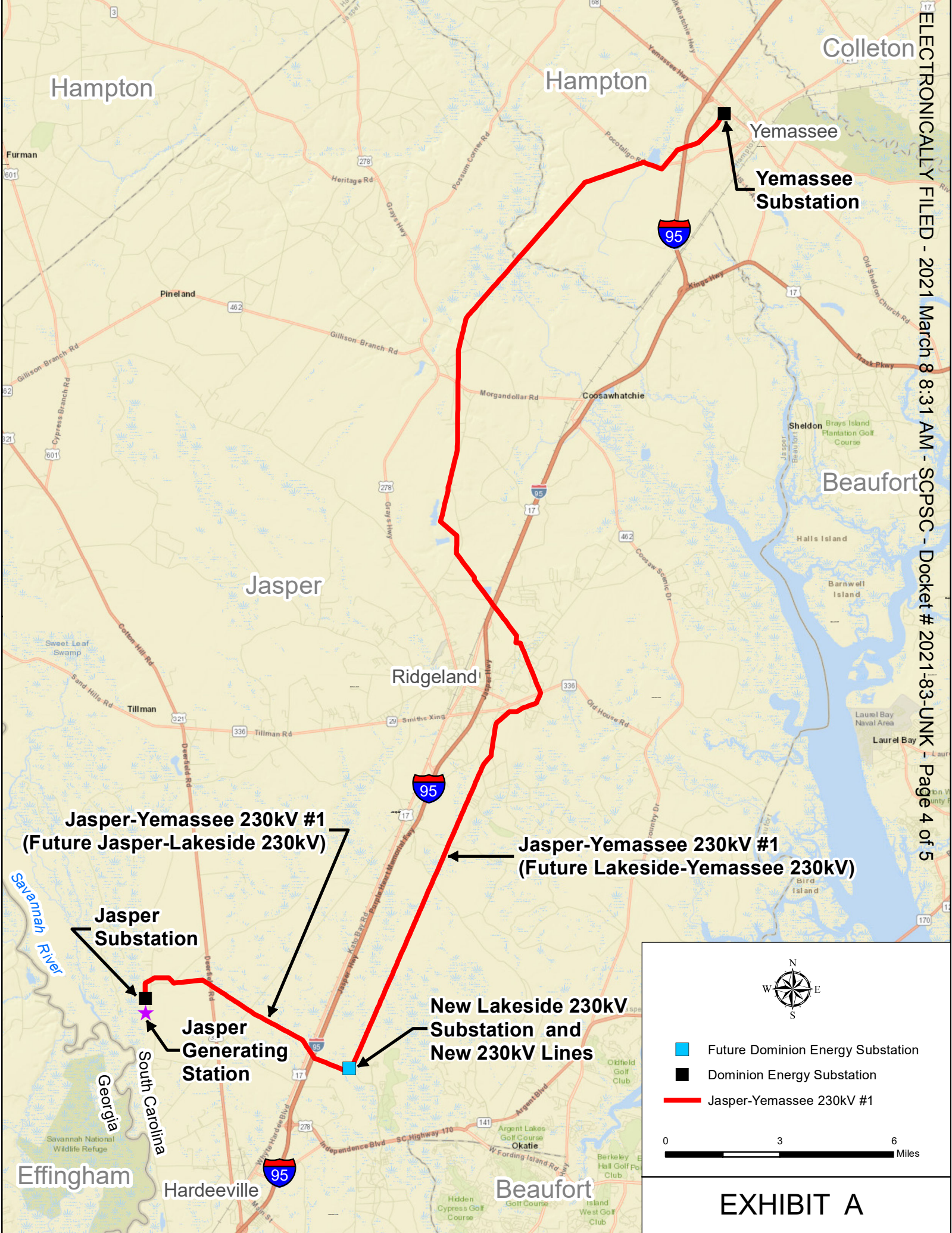
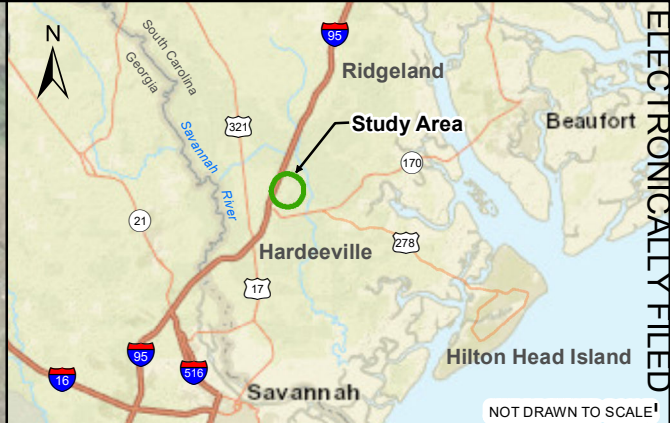
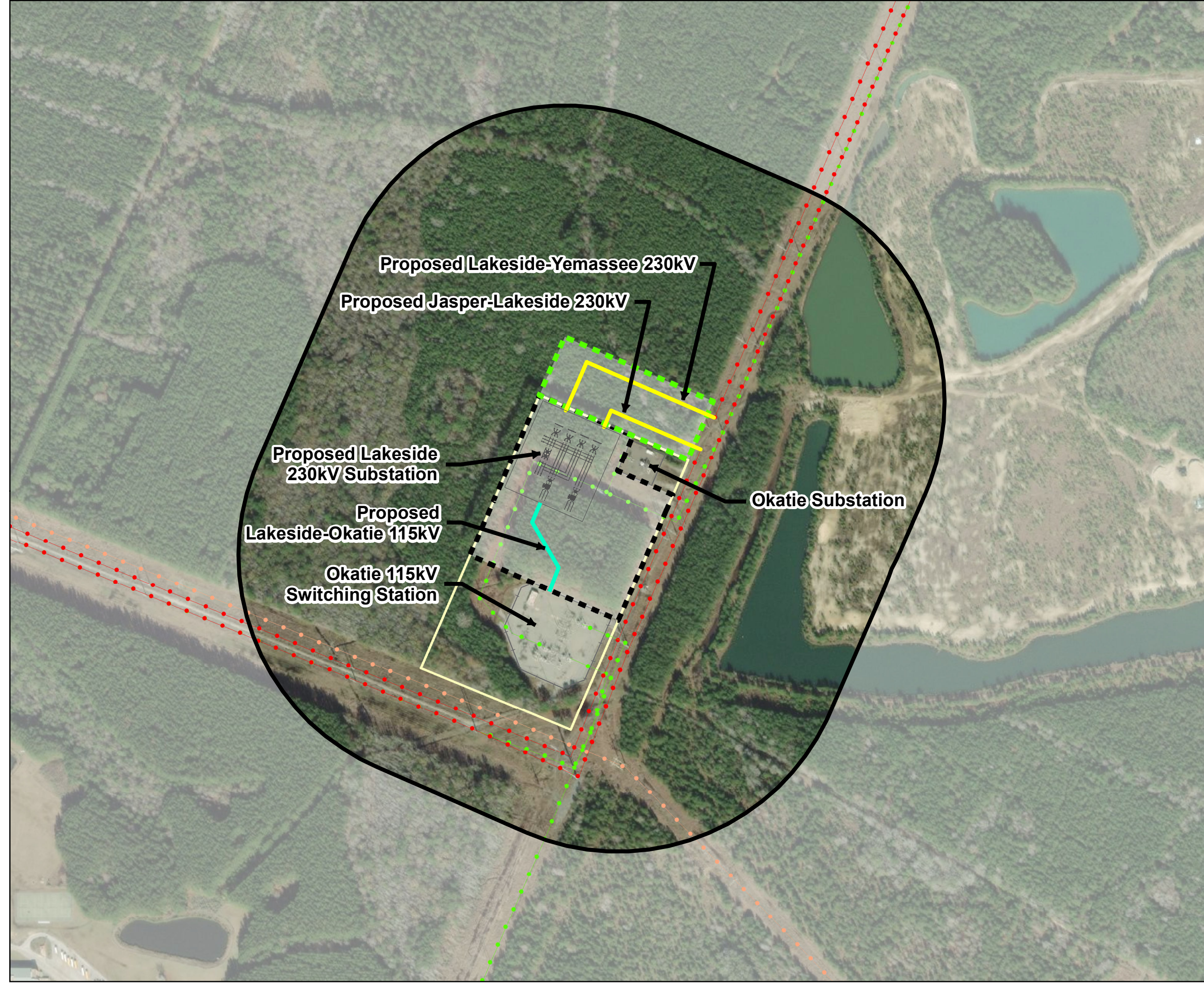


EXHIBIT A



- Legend**
- Existing Substation Fence
 - Proposed Dominion Energy 230kV Transmission Line
 - Proposed Dominion Energy 115kV Transmission Line
 - Proposed Dominion Energy 230kV Substation
 - Dominion Energy 115kV Transmission Line
 - Dominion Energy 230kV Transmission Line
 - Santee Cooper Transmission Line
 - New Right-of-Way
 - Substation Project Area
 - Route Corridor
 - Dominion Energy Property Line



0 400 800 Feet

Source: ESRI data imagery and Dominion Energy data

EXHIBIT B

**Jasper-Lakeside 230kV
and Lakeside-Yemassee 230kV
and Associated Facilities**

Jasper County, SC

